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packet (filtering OR dropping) "management port"

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### Network integrity by inference in distributed systems - ► [agosta.org](http://agosta.org) [PDF]

JM Agosta, S Crosby - NIPS Workshop on Robust Communication Dynamics ..., 2003 - research.ibm.com

... Detector functions could, for example, include **packet filtering**, snooping routing table updates, or observing a CLI session on the **management port** of a router. ...

Cited by 5 - [Related articles](#) - [All 2 versions](#)

### System and method for small-area system data processing

L Zschar - US Patent App. 10/180,209, 2002 - Google Patents

... **Packet filtering** may occur in a router, in a bridge ... header is prepended to the data **packet** to indicate ... control packets and to the **management port** configuration. ...

[Related articles](#) - [All 4 versions](#)

### Evaluation of the performance of ID systems in a switched and distributed environment: the ...

C Iheagwara, A Blyth - Computer Networks, 2002 - Elsevier

... The encoding of **filtering rules** for **packet-** or transport-layer communication should be enforced at entry points between internal networks and external traffic. ...

Cited by 14 - [Related articles](#) - [All 5 versions](#)

### Logical network traffic filtering

TM Slaight - US Patent App. 10/741,533, 2003 - Google Patents

... locations in the header portion of the **packet**). ... systems from interfering with **management VLAN** traffic (or ... a variety of options for **filtering frames** belonging to ...

[All 2 versions](#)

### Active networks

PA Boustead, F Safaei, BR Ratcliff - US Patent App. 10/495,819, 2002 - Google Patents

... a separate connection to a **management port** of the ... art active networks have used various **filtering** or tagging ... as customer number, or **packet dropping** pri- orities ...

[Related articles](#) - [All 7 versions](#)

### [PDF] ► An architecture for carrier grade programmable networks

TV Nguyen, P Boustead, F Safaei - GLOBECOM-NEW YORK-, 2002 - Citeseer

... processor to access the switch **management port** and alter ... **Packet** labelling options: The use of LSPs and ... switch that is capable of **filtering** packets based on ...

Cited by 2 - [Related articles](#) - [View as HTML](#) - [BL Direct](#) - [All 9 versions](#)

### Systems and methods for packet filtering

Y Teplitsky - US Patent App. 10/076,077, 2002 - Google Patents

... that are implemented by firewalls for **packet filtering** are typically ... purpose CPUs with specified **packet-** forwarding software ... device 100 via a **management port** 108 ...

[All 6 versions](#)



### System and method of a management information base (MIB) Autocast in a communications ...

D Wong - US Patent App. 10/292,697, 2002 - Google Patents

... interacts with other management processes in the network to track **packet** transmission events ... device can be made, such as a device that is **dropping** data packets ...

[All 2 versions](#)

### Multiport switch with plurality of logic engines for simultaneously processing different ...

S Merchant, C Egbert, JM Chang - US Patent 6,658,015, 2003 - Google Patents

Page 1. US006658015B1 (12) United States Patent Merchant et al. (io) Patent

No.: US 6,658,015 B1 (45) Date of Patent: Dec. 2,2003 ...

[Cited by 6](#) - [Related articles](#) - [All 2 versions](#)

### Media storage device with embedded data filter for dynamically processing data during read ...

S Smyers, B Fairman, 1999 - freepatentsonline.com

... Data communication network with **management port** for isochronous ... includes transmitting the manipulated **packet** of data ... The **filtering** device as claimed in claim 1 ...

[Related articles](#) - [All 6 versions](#)

### Method and apparatus for avoiding packet loss on a CSMA/CD-type local area network ...

WP Sherer, RA Gahan, JF Hickey - US Patent 5,568,476, 1996 - Google Patents

... some **packet** destinations not being always available to receive packets without incurring the network overhead costs associated with **dropping** a 10 **packet** at the ...

[Cited by 19](#) - [Related articles](#) - [All 2 versions](#)

### Unique address space and method for a transport network

EA Harbin - US Patent App. 09/649,003, 2001 - Google Patents

Page 1. US 20010052029A1 (19) United States Patent Harbin et al. (io) Patent Application Publication

(io) Pub. NO.: US 2001/0052029 A1 Harbin (43) Pub. Date: Dec. ...

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### Method and apparatus for maintaining a time order by physical ordering in a memory

TJ Runaldue, B Erimli... - US Patent 6,175,902, 2001 - Google Patents

Page 1. US006175902B1 (12) United States Patent Runaldue et al. (io) Patent

No.: US 6,175,902 B1 (45) Date of Patent: Jan. 16,2001 ...

[Cited by 8](#) - [Related articles](#) - [All 6 versions](#)

### Method and apparatus for reclaiming buffers

TJ Runaldue, B Erimli, C Egbert... - US Patent 6,233,244, 2001 - Google Patents

... BACKGROUND ART 15 25 In many systems in which is received and forwarded, such as **packet** switched networks (eg, Ethernet networks), memory buffers are used to ...

[Cited by 10](#) - [Related articles](#) - [All 2 versions](#)

### Method and apparatus for controlling initiation of transmission of data as a function of ...

C Egbert, TJ Runaldue, B Erimli... - US Patent 6,115,387, 2000 - Google Patents

... BACKGROUND ART In devices which receive and forward data, such as 20 network **packet** switches for **packet** switched networks, the device can be configured to ...

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### Multicopy queue structure with searchable cache area

B Erimli, TJ Runaldue... - US Patent 6,061,351, 2000 - Google Patents

... The switch 12 also includes a **management port** 30 that ... all ports (ie, broadcast) or

no ports (ie, **filtering**). For example, each data **packet** includes a header ...

[Cited by 10](#) - [Related articles](#) - [All 6 versions](#)

### Apparatus and method for generating a serial data stream carrying data for multiple network ...

S Viswanath, PKF Chow... - US Patent 6,058,427, 2000 - Google Patents

... The **management port** 36 outputs whether a frame temporarily stored in the buffer memory 34 ... to a single MAC port or multiple MAC received data **packet** and new ...

[Cited by 8](#) - [Related articles](#) - [All 2 versions](#)

### Queuing structure and method for prioritization of frames in a network switch

B Erimli, I Crayford, C Egbert - US Patent 6,487,212, 2002 - Google Patents

... 137; 710/10; 714/34; 348/10 (56) References Cited US PATENT DOCUMENTS OTHER PUBLICATIONS Yuna Chan Jung et al., "Performance Analysis of **Packet Switches** with ...

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### Apparatus and method for storing header information in a network switch

J Chiang, C Yu - US Patent 6,529,503, 2003 - Google Patents

Page 1. US006529503B1 (12) United States Patent Chiang et al. (io) Patent

No.: US 6,529,503 B1 (45) Date of Patent: Mar. 4, 2003 (54 ...

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### Method and apparatus for database fault tolerance with instant transaction replication ...

S Song - US Patent 6,421,688, 2002 - Google Patents

... primary database servers. 43 If this connection is encrypted, then encrypt this **packet** 44 Send the read content to client. 45 Read ...

[Cited by 5](#) - [Related articles](#) - [All 2 versions](#)

### [PDF] ► Global Optical Ethernet

K Fendick, L Kalampoukas, B Suter - To appear in Optical Network Magazine, 2003 - ec.eurecom.fr

... well as the broadcast and **filtering** behavior of ... The Resilient **Packet Ring** (RPR) standard, under development ... band or over an isolated **management VLAN** defined on ...

[Related articles](#) - [View as HTML](#) - [All 2 versions](#)

### System for providing conversion of TDM-based frame relay data in a cross-connect matrix ...

R Cartwright, C Potter, M Plummer - US Patent 6,493,346, 2002 - Google Patents

... low- delay, connection-oriented, **packet**-like switching ... descrambling, vital/unassigned cell **filtering**, and includes ... ler 142 is used for **SNMP management port**. ...

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### Decision making engine receiving and storing a portion of a data frame in order to perform a ...

J Sang, MV Lau, 2003 - freepatentsonline.com

... of the switch operations in a **packet** switched network ... engine 200 does not perform ingress **filtering** regardless of ... forwards the frame to the **management port** only ...

### ... AND APPARATUS FOR SELECTIVELY DISCARDING **PACKET** FOR BLOCKED OUTPUT ...

T RUNALDUE, C Egbert, D Kerstein, B Erimli - No.: WO/1998/036529, 1998 - freepatentsonline.com

... EP0769863, Bridging apparatus for traffic **filtering** in communication ... to enable external storage of **packet** data and ... 12 also includes a **management port** 30 that ...

[All 4 versions](#)

### Content-aware web switch without delayed binding and methods thereof

LL Lu, DPK Hsing, BC Cheng, TH Wu - US Patent App. 10/136,986, 2002 - Google Patents

... The switch uses Layer 7 or application content parsed from a **packet** to help select the server and to schedule the transmitting of the **packet** to the server. ...

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### Network tap with interchangeable ports

SC Gordy, HD Poeistra, RW Otis, TL Gallatin - US Patent App. 10/735,417, 2003 - Google Patents

Page 1. US 20040215832A1 (19) United States (12) Patent Application Publication

(io) Pub. NO.: US 2004/0215832 AI Gordy et al. (43) Pub. Date: Oct. ...

[All 2 versions](#)

### [PDF] ► Designing High-Performance Campus Intranets with Multilayer Switching

... CND Considerations, CCND Models, CWV Model ... - Cisco Systems, July, 2002 - uipa br

... A LAN bridge is a store-and-forward **packet** switch. ... In particular, the **packet** forwarding is handled by specialized hardware, usually ASICs. ...

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### Packet switch with load surge-control and methods thereof

LL Lu, DPK Hsing, BC Cheng, TH Wu - US Patent App. 10/136,708, 2002 - Google Patents

... 19,2002 (54) **PACKET** SWITCH WITH LOAD SURGE-CONTROL AND METHODS THEREOF (76) Inventors:

Leonard L. Lu, Holmdel, NJ (US); Deh-Phone K. Hsing, Basking Ridge, NJ ...

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### Network tap for use with multiple attached devices

SC Gordy, HD Poeistra, RW Otis, TL Gallatin - US Patent App. 10/735,801, 2003 - Google Patents

... 16,2005 Sheet 8 of 18 US 2005/0129033 AI ( Start J + #y- Store incoming data from

switch 302 in buffer 768A **Packet** /size • , Update ^^ — r errors CRC 803 ...

[All 2 versions](#)

### Method of transmitting data packets in a **packet** switched communications network

K Dobbins, P Andlauer, C Oliver, T Parker, A ... - US Patent 5,790,546, 1998 - Google Patents

... [54] METHOD OF TRANSMITTING DATA PACKETS IN A **PACKET** SWITCHED COMMUNICATIONS

NETWORK [75] Inventors: Kurt Dobbins, Bedford; Phil Andlauer. ...

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### Method and apparatus in a network switch for handling link failure and link recovery in a ...

S Merchant, R Williams, JM Chiang, C Yu - US Patent 6,535,489, 2003 - Google Patents

Page 1. US006535489B1 (12) United States Patent Merchant et al. (io) Patent

No.: US 6,535,489 BI (45) Date of Patent: Mar. 18,2003 ...

[Cited by 4](#) - [Related articles](#) - [All 2 versions](#)

### [PDF] ► Analysis of Routing Protocol Stability in Congested Networks

A Shaikh, 2000 - research.att.com

... **management** port of router HR1. ... Moreover, we also assume that the decision of **dropping** a particular **packet** is made independently for each **packet**. ...

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### Virtual networking system and method in a processing system

P Schuller, S Geng, P Manca, P Curtis, E ... - US Patent App. 10/037,191, 2002 - Google Patents

... node info in TLV of ARP reply 473 Control node unicasts **packet** to appropriate ... a

low speed Ethernet port (not shown) as a dedicated **management** port, which may ...



A Mills - US Patent 5,991,303. 1999 - Google Patents

... The switch circuitry is typically coupled to a serial **management port** and an ... eg, a media access controller, (MAC) that can construct a **packet** of information ...

[Cited by 12](#) - [Related articles](#) - [All 2 versions](#)

### Computer system management

JE King, MP Mayhead, P Heffernan - US Patent App. 10/172,830, 2002 - Google Patents

Page 1. US 20030033460A1 (19) United States (12) Patent Application Publication

[io> Pub. NO.: US 2003/0033460 AI King et al. (43) Pub. Date: Feb. ...

[All 2 versions](#)

### Multi-rate switching device for a mixed communication rate ethernet repeater

A Mills - US Patent 6,359,893, 2002 - Google Patents

... The switch circuitry is typically coupled a low cost solution allowing the installed based of 10/100 to a serial **management port** and an external controller. ...

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### Object-aware transport-layer network processing engine

P Phillips, S Metzger, B Ramelson, T ... - US Patent App. 10/414,406, 2003 - Google Patents

... 21,2004 Sheet 2 of 17 US 2004/0210663 AI ESTABLISH SESSION WITH CLIENT ST10 TTE RECEIVES DATA STREAM FROM CLIENT ST12 TTE STORES OBJECT **PACKET** STREAM AND CALLS ...

[All 4 versions](#)

### 200 Mbps PHY/MAC apparatus and method

MT Feuerstraeter - US Patent 6,169,729, 2001 - Google Patents

... at 100 Mbps may advertise their ability by sending a **packet** of data at 10 ... A **management port** in the Media Independent Interface is provided for this function. ...

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### System for enabling first computer to communicate over switched network with second ...

RK Richter, RO Sharp, QH Stephenson - US Patent 5,630,061. 1997 - Google Patents

... SUCCESSFUL 354 356 360 362 364 366 368 370 | 1 SET PROTOCOL MODE OF ANDIS MAC I 1 SET LOOK AHEAD VERB | SET STATION ADDRESS VERB | > SET **PACKET** FILTER VERB ...

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### [book] The Froehlich/Kent Encyclopedia of Telecommunications: Introduction to Computer ...

FE Froehlich, A Kent, CM Hall, 1995 - books.google.com

... links. Two types of networks fall within this class: circuit switched and **packet** switched. In a broadcast communication network (Fig. ...

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### Multiple user computer system

KR Brown, JV Ford, TE Gibson, 1996 - freepatentsonline.com

... byte and three writable bits in the lower three bits of the I/O port mentioned above, also herein referred to as the "power **management port**." The second PAL U2 ...

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### [book] Programming LEGO Mindstorms with Java

M Ferrari, G Ferrari, D Laverde, 2002 - books.google.com

Page 1. SYN 1 YEAR UPGRADE JcAD BUYER PROTECTION PLAN CMI PROGRAMMING LEGO Mindstorms WITH IOT TO JdVd The ULTIMATE Too for Mindstorms Ma niacs! ...

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Communication of local area network based applications on a switched network.

RK Richter, RO Sharp, GH Stephenson, 1994 - freepatentsonline.com

... **Port Connection Managers (PCMs) 64 are the entities that actually manage the ports,**  
or ... **these ANDIS MACs 66 can also support 802.3 and HDLC frame filtering.** ...

[All 4 versions](#)

Secure network indentity allocation

JE King, MP Mayhead - US Patent App. 10/171,898, 2002 - Google Patents

... **By maintaining a record of the network identities allocated to the processing units**  
by the service processor in the switch and **filtering network access,** access ...

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packet (filtering OR dropping) "mana

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